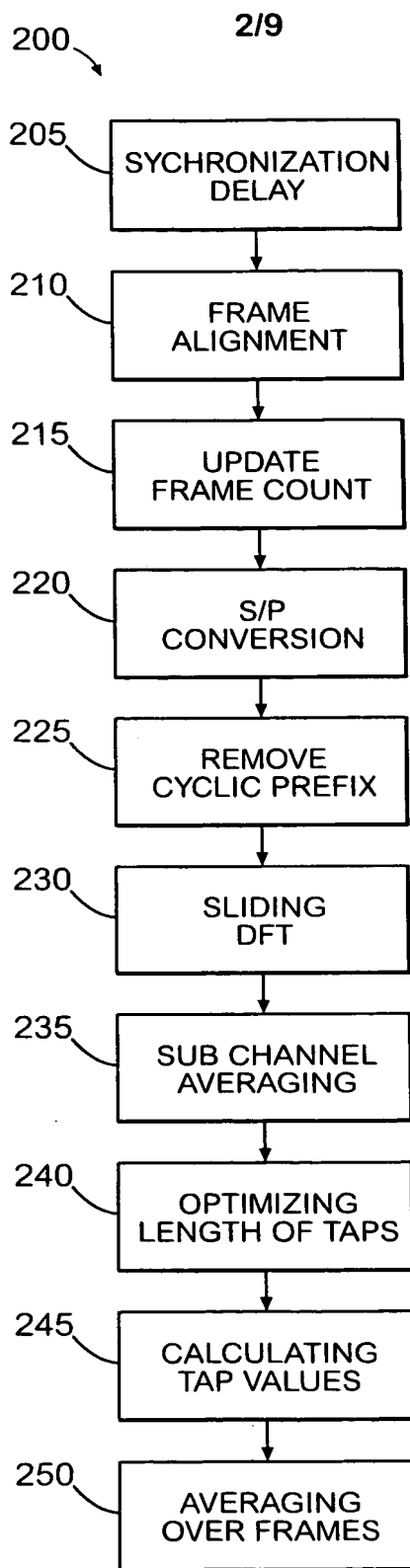




# REPLACEMENT SHEET



**FIG 2**



300 →

305	310	315	320	325	330	335
LOOP LENGTH (KM)	PTE (Mb/s)	UEC (Mb/s)	TEQ-FB (Mb/s)	MMSE (Mb/s)	MAX SNR (Mb/s)	MAX BR (Mb/s)
1	22.22	12.37	16.84	18.71	16.55	19.49
2	17.55	8.465	15.81	14.59	14.69	15.13
3	13.03	5.153	11.85	10.29	11.00	11.31
4	8.162	4.974	7.368	7.701	6.931	7.011
5	4.412	2.648	3.791	3.981	3.568	3.685
6	2.492	0.982	2.003	1.989	1.962	1.991
7	1.616	0.382	1.142	1.034	1.192	1.217
8	1.200	0.270	0.714	0.494	0.649	0.825

FIG 3

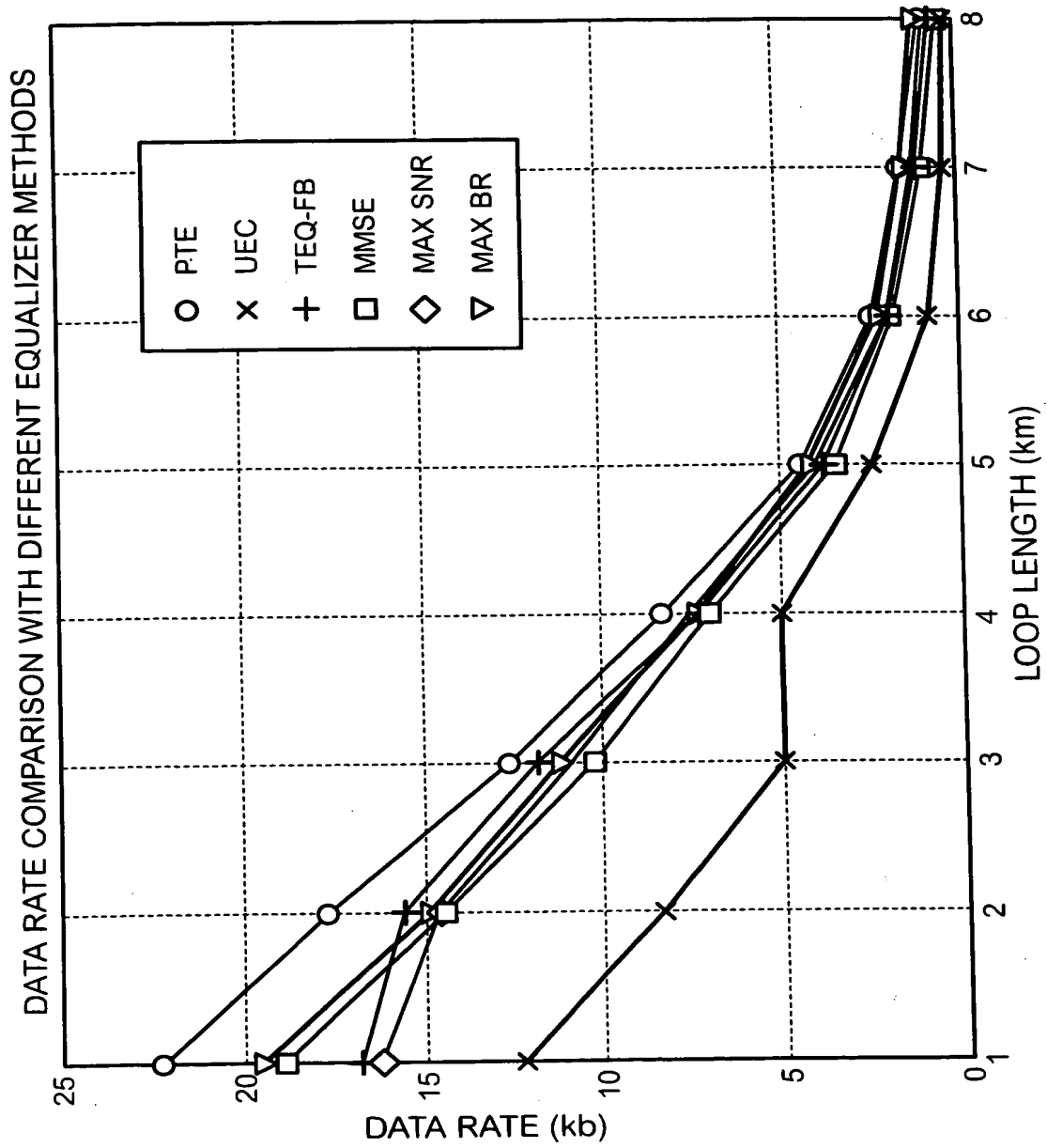


FIG 4

400 →



500

505

510

NUMBER OF FRAMES	DATA RATE (8km)
1 FRAME	0.93
5 FRAMES	1.11
10 FRAMES	1.16
50 FRAMES	1.18
100 FRAMES	1.20

**FIG 5**

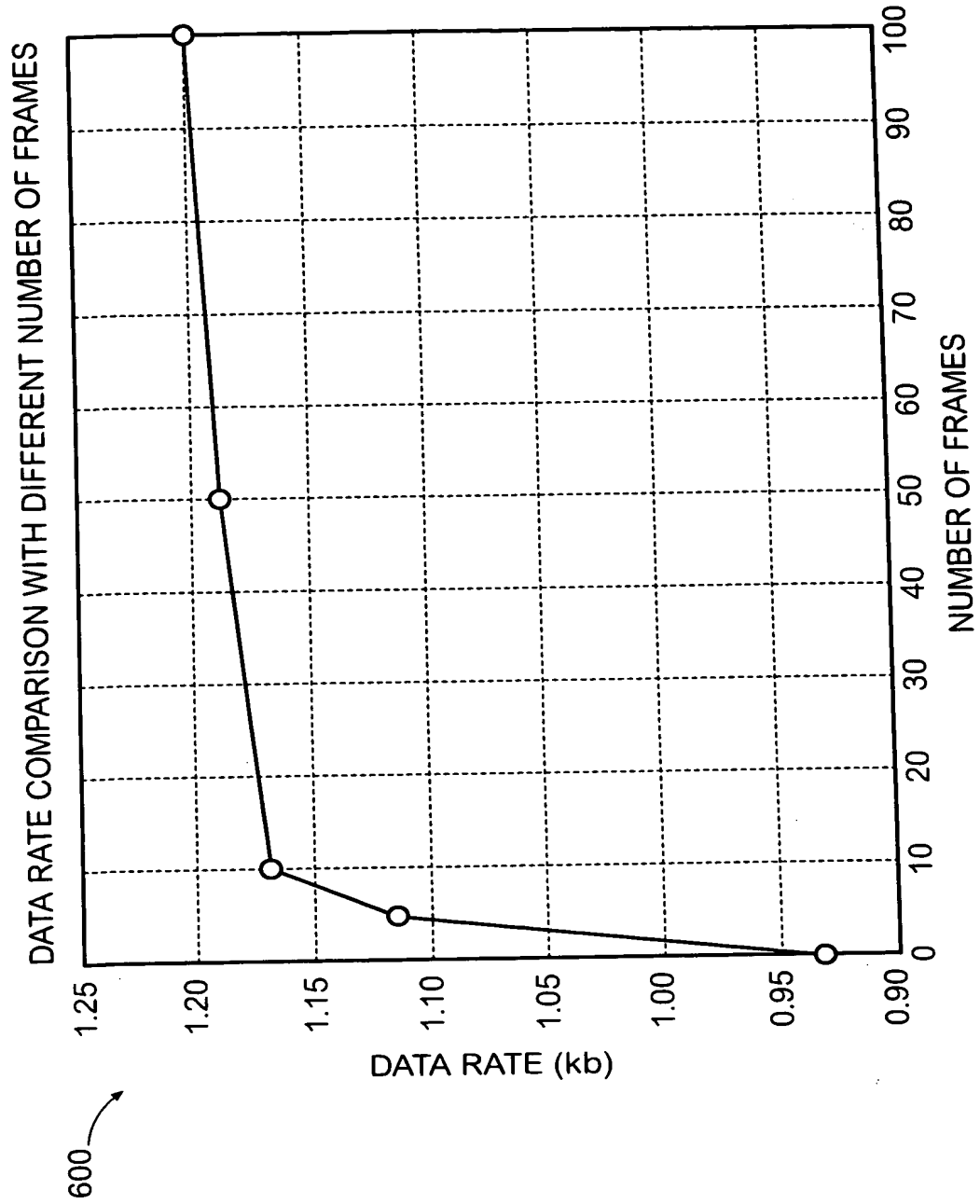


FIG 6



700 →

705

	710	715	720	725	730
LOOP LENGTH (KM)	LOOP LENGTH (Kft)	LOOP LENGTH (Mile)	PTE (100 frames) (Mb/s)	PTE (1 frames) (Mb/s)	PTE (1 tap) (Mb/s)
1	3.28	0.6	22.22	21.27	70.44
2	6.56	1.2	17.55	16.60	20.06
3	9.84	1.8	13.03	12.08	8.066
4	13.1	2.4	8.162	7.261	3.390
5	16.4	3.1	4.412	3.757	1.691
6	19.6	3.7	2.492	2.095	0.980
7	22.9	4.3	1.616	1.327	0.458
8	26.2	4.9	1.200	0.893	0.332

FIG 7



DATA RATE COMPARISON WITH AND WITHOUT NOISE REDUCTION SCHEMATIC

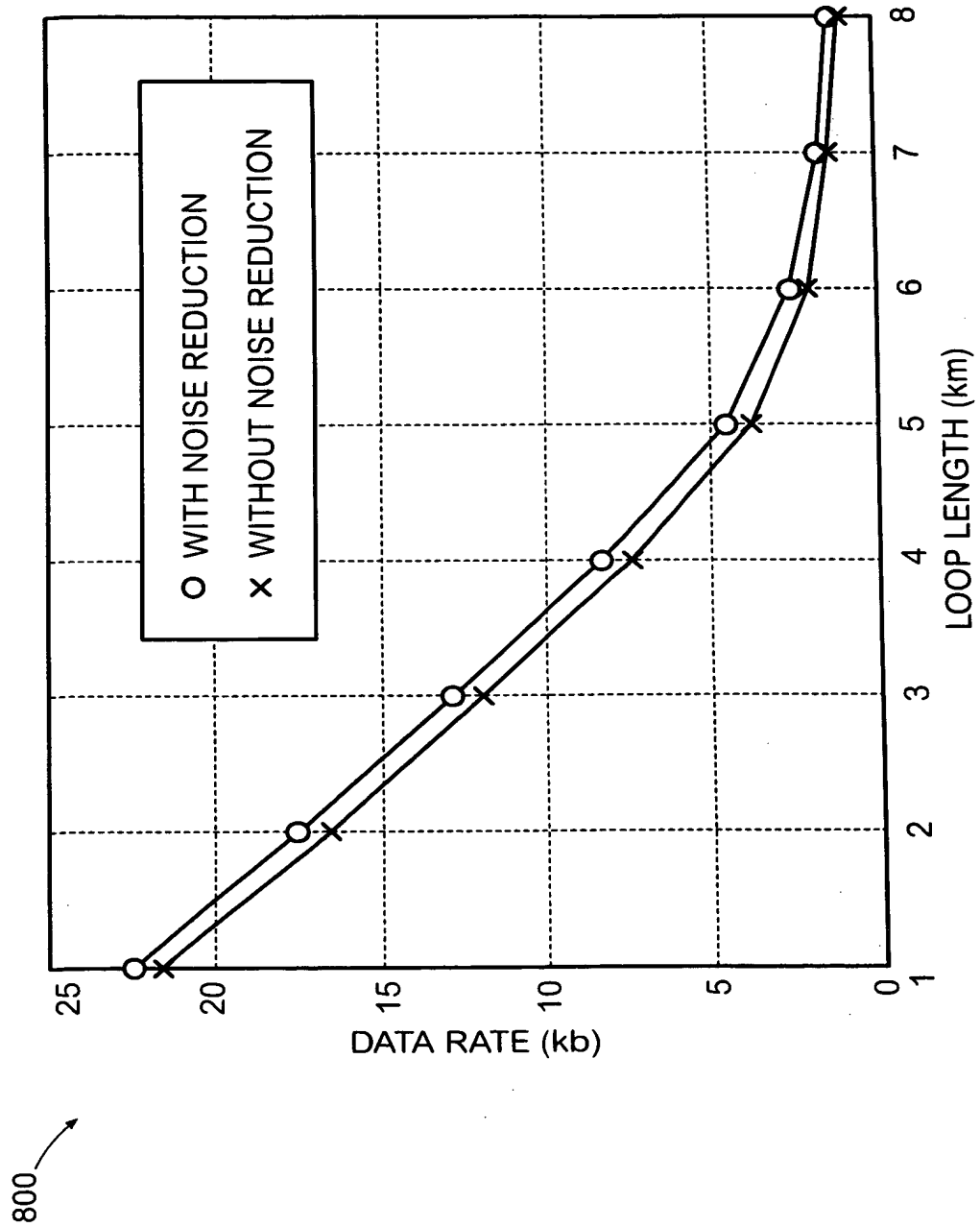


FIG 8



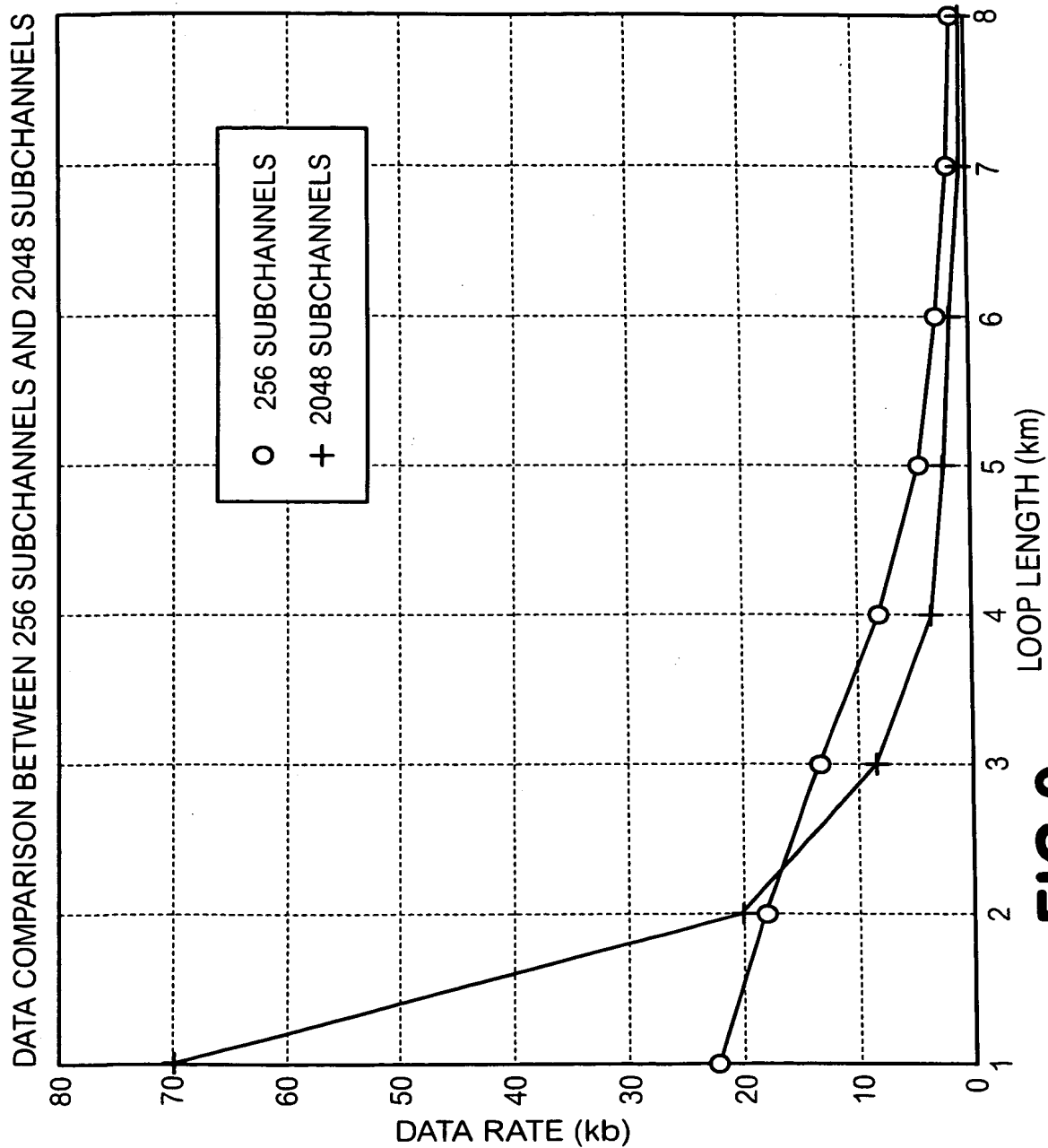


FIG 9

900